### AUG 1 3 2007

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re United States Patent Application of:

Docket No.:

2771-546-CIP2

Applicants:

DIMEO JR., Frank, et al.

Conf. No.:

2238

Application No.:

10/784,750

Art Unit:

2856

Date Filed:

February 23, 2004

Examiner:

Jacques M. Saint

Surin

Title:

APPARATUS AND PROCESS

FOR SENSING FLUORO

SPECIES IN

SEMICONDUCTOR PROCESSING SYSTEMS

**Customer No.:** 

23448

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10 Pages Number of Pages

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Date

## SEVENTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN U.S. PATENT APPLICATION NO. 10/784,750

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed

IPTL

2771-546-CIP2

to the reference(s) listed on the attached Form(s) PTO/SB/08a and/or PTO/SB/08b. One copy of each foreign patent cited is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

Respectfully submitted.

Reg. No. 46,182

Attorney for Applicants

INTELLECTUAL PROPERTY/ **TECHNOLOGY LAW** Phone: (919) 419-9350 Fax: (919) 419-9354 Attorney File No.: 2771-546-CIP2

Enclosures: IDS Form(s) [ 1 pg(s).] Foreign Patent References [ 7 pgs.]

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SEVENTH SUPPLEMENTAL				Application Number	10/784,750	
				Filing Date	2/23/2004	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				First Named Inventor	Dimeo Jr. et al.	
			ANT	Art Unit	2856	
	(Uso as many sheets as necessary)			Examiner Name	Jacques M. Saint Surin	
Sheet	1	of	1	Attorney Docket Number	2771-546-CIP2	

U.S. PATENT DOCUMENTS						
Examiner	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
Initials*		Number - Kind Code <sup>2 (f known)</sup>		Applicant of Cited Document		
	CK	US- 2001/0009652 - A1	07-28-2001	Arno, Jose I.		
	CL	US- 4,087,693 - A1	05-02-1978	Brown, William L., et al.		
	CM	US- 5,387,482 - A	02-07-1995	Debe, Mark K.		
	CN	US- 6,596,236 - B2	07-22-2003	Dimeo, Jr., Frank, et al.		
	co	US- 7,080,545 - B2	07-25-2006	Dimeo, Jr., Frank, et al.		
	CP	US- 5,464,966 - A	11-07-1995	Gaitan, Michael, et al.	-	
	CQ	US- 5,900,128 - A	05-04-1999	Gumbrecht, Walter, et al.	The state of the s	
	CR	US- 5,376,255 - A	12-27-1994	Gumbrecht, Walter, et al.		
	CS	US- 6,895,805 - B2	05-24-2005	Hoagland, William		
	СТ	US- 5,104,513 - A	04-14-1992	Lee, Tony C., et al.		
	CU	US- 4,480,779 - A	11-06-1984	Luc, Penelope J.		
	CV	US- 5,827,947 - A	10-27-1998	Miller, Cynthia A., et al.		
	cw	US- 6,634,213 - B1	10-21-2003	O'Connor, James M., et al.		
	СХ	US- 3,764,269 - A	10-09-1973	Oldham, Keith B., et al.		
	CY	US- 2002/0029613 - A1	03-14-2002	Stetter, Joseph, et al.	**************************************	
	CZ	US- 6,883,371 - B2	04-26-2005	Sugaya, Satoshi, et al.		
	DA	US- 5,072,262 - A	12-10-1991	Uekita, Masakazu, et al.	***************************************	
	DB	US- 8,694,800 - B2	02-24-2004	Weckstrom, Kurt, et al.		

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>3</sup> (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	7
	DC	SU - 1379832A - A1	03-07-1988	Falko, M.M., et al.	S. T. S.	$\top$
	DD	JP - 01-094255 - A1	04-12-1989	Mukal Sadayoshi, et al.		丰
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